REMARKS

Reconsideration and allowance of the subject application in view of the foregoing amendments and the following remarks is respectfully requested. Entry of the above amendments is requested in that they are seen as clarifying and such as to place this application in condition for allowance.

Drawings

The drawings are objected to in that the Fig. 3 is not mentioned clearly in the specification. Fig. 3 is admitted as being provided and is further submitted as being listed along with other drawings. This objection is traversed.

If there is a requirement that a specification must discuss each drawing in some detail then the relevant section of the MPEP and/or the CFR be cited to show that there is in fact a basis for this objection. In fact, it would appear that the objection, if any can in fact be properly be made, should be directed to the specification rather than the drawings.

Fig. 3 shows the relationship between different component of the network, the defined interfaces and the exchanges of information, and more generally the positioning of the interfaces. It does not mention the mobility of the nodes. The explanation of this mobility is found in the specification as mentioned below.

Claim amendments/Status

Claim 1 has been amended to further clarify the subject matter for which patent protection is sought. However, it is to be noted that the amendments have not been proposed in order to overcome the Amin citation.

Rejection under 35 USC § 102

The rejection of claim 1 under 35 USC §102(e) as being anticipated by Amin et al., hereafter “Amin” (US 6714987 B1), is again respectfully traversed for the reasons advanced below.

In this response, claim 1 has been amended by adding that the network comprises several nodes comprising servers, and that all the users and the servers of the nodes are mobile. The claimed subject matter concerns a system for dynamically controlling equipment in a communication system, said system comprising several nodes, **said nodes comprising servers, said system taking into account the dynamics associated with the mobility of all the users and the mobility of the servers of the nodes**, wherein said system comprising at least one control module comprising at least:

A control block comprising:

- A control component **ACS** adapted to process the authentication of users connected to the network, dynamic configuration of the IP addresses, management of authorizations for service requests from users, configuration of the network components according to the authenticated users,
- A control component **LOC** for the process of user affiliation, server mobility, user location and application-oriented service routing,
- A control component **QSM** adapted to process service quality management on the highways of the network, and

A block comprising one or more of the following elements: a component for the various user services, the network components, a component for connectivity to the external entities.

The amendments made to claim 1 are supported in the originally filed specification – see patent publication US 2007/0195694, paragraphs [0095], [0098] wherein it is stated that "the LOC function can be used at any level, it makes it possible [0098], at the service level, to know where a user is located, how to reach a node", passage which proves that the nodes are mobile. Moreover, paragraph [0076] states that the function of LOC component is to process server mobility, user location…and above [0078] – the interfaces IP-S are used by the control

component to control [0080] the use made of system by the connected users in particular: [0082] locating the users and the servers connecting these users (via the LOC interfaces to CDS, MSG, LCC], the location of the servers and of the users is based on interchanges conducted over the LOC LOC interface.

When reading the specification, a person of skill in the art may only deduced **that the users and the nodes are mobile in the disclosed arrangement.**

Applicants submit that the applied reference of Amin fails to disclose the claimed features above, inasmuch as the claimed features require that all the users are mobile, whereas Amin appears to disclose a centralized structure, i.e., a static structure.

Specifically, the local service function of Amin is included in the static architecture rather in mobile users. In addition, the local service function layer of the static architecture disclosed by Amin comprises an access accounting server, an authentification, authorization, and accounting server, a security gateway, a policy enforcement server, a mobility manager, which are in the static architecture. On the contrary, claim 1 requires that all the elements and users are mobile. Accordingly, Amin as applied by the Examiner appears to disclose a centralized structure, i.e., a static architecture, with mobile users, whereas the claimed application requires a decentralized architecture wherein all claimed elements are mobile, and it is necessary for each mobile user to have all the functions to communication in a mobile environment. For at least this reason, this rejection should be withdrawn and claim 1 should be allowable over the applied art.

Conclusion

All objections and rejections having been addressed, it is respectfully submitted that the application is in condition for allowance and a Notice to that effect is earnestly solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this

paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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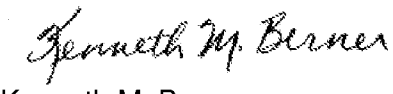

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